INDEX

Barleon, L. *See* Stieglitz, Barleon, Bühler & Molokov

Bartello, P. & Warn, T. Self-similarity of decaying two-dimensional turbulence, 357–372

Basaran, O. A. *See* Zhang & Basaran

Bühler, L. Instabilities in quasi-two-dimensional magnetohydrodynamic flows, 125–150

Bühler, L. *See* Stieglitz, Barleon, Bühler & Molokov

Chen, C.-Y. & Meiburg, E. Miscible displacements in capillary tubes. Part 2. Numerical simulations, 57–90

Comte, P. *See* Ducros, Comte & Lesieur

Ducros, F., Comte, P. & Lesieur, M. Large-eddy simulation of transition to turbulence in a boundary layer developing spatially over a flat plate, 1–36

Garcia, M. H. *See* Niño & Garcia

Komori, S. & Nagata, K. Effects of molecular diffusivities on counter-gradient scalar and momentum transfer in strongly stable stratification, 205–237

Kuhlmann, H. C. *See* Wanschura, Kuhlmann & Rath

Lesieur, M. *See* Ducros, Comte & Lesieur

Lindborg, E. A note on Kolmogorov's third-order structure-function law, the local isotropy hypothesis and the pressure–velocity correlation, 343–356

Liu, J., Piomelli, U. & Spalart, P. R. Interaction between a spatially growing turbulent boundary layer and embedded streamwise vorticies, 151–179

Lopez, J. M. & Weidman, P. D. Stability of stationary endwall boundary layers during spin-down, 373–398

Lumley, J. L. *See* Phillips, Wu & Lumley

Malik, N. A. & Vassilicos, J. C. Eulerian and Lagrangian scaling properties of randomly advected vortex tubes, 417–436

Maxworthy, T. *See* Petitjeans & Maxworthy

Meiburg, E. *See* Chen & Meiburg

Molokov, S. *See* Stieglitz, Barleon, Bühler & Molokov

Nagata, K. *See* Komori & Nagata

Niño, Y. & Garcia, M. H. Experiments on particle–turbulence interactions in the near-wall region of an open channel flow: implications for sediment transport, 285–319

Petitjeans, P. & Maxworthy, T. Miscible displacements in capillary tubes. Part 1. Experiments, 37–56

Phillips, W. R. C., Wu, Z. & Lumley, J. L. On the formation of longitudinal vortices in a turbulent boundary layer over wavy terrain, 321–341

Piomelli, U. *See* Liu, Piomelli & Spalart

Rath, H. J. *See* Wanschura, Kuhlmann & Rath

Shrira, V. I. & Voronovich, V. V. Nonlinear dynamics of vorticity waves in the coastal zone, 181–203

Spalart, P. R. *See* Liu, Piomelli & Spalart

Stieglitz, R., Barleon, L., Bühler, L. & Molokov, S. Magnetohydrodynamic flow in a right-angle bend in a strong magnetic field, 91–123

Tutty, O. R. Nonlinear development of flow in channels with non-parallel walls, 265–284

Vassilicos, J. C. *See* Malik & Vassilicos

INDEX

Barleon, L. *See* Stieglitz, Barleon, Bühler & Molokov

Bartello, P. & Warn, T. Self-similarity of decaying two-dimensional turbulence, 357–372

Basaran, O. A. *See* Zhang & Basaran

Bühler, L. Instabilities in quasi-two-dimensional magnetohydrodynamic flows, 125–150

Bühler, L. *See* Stieglitz, Barleon, Bühler & Molokov

Chen, C.-Y. & Meiburg, E. Miscible displacements in capillary tubes. Part 2. Numerical simulations, 57–90

Comte, P. *See* Ducros, Comte & Lesieur

Ducros, F., Comte, P. & Lesieur, M. Large-eddy simulation of transition to turbulence in a boundary layer developing spatially over a flat plate, 1–36

Garcia, M. H. *See* Niño & Garcia

Komori, S. & Nagata, K. Effects of molecular diffusivities on counter-gradient scalar and momentum transfer in strongly stable stratification, 205–237

Kuhlmann, H. C. *See* Wanschura, Kuhlmann & Rath

Lesieur, M. *See* Ducros, Comte & Lesieur

Lindborg, E. A note on Kolmogorov's third-order structure-function law, the local isotropy hypothesis and the pressure–velocity correlation, 343–356

Liu, J., Piomelli, U. & Spalart, P. R. Interaction between a spatially growing turbulent boundary layer and embedded streamwise vorticies, 151–179

Lopez, J. M. & Weidman, P. D. Stability of stationary endwall boundary layers during spin-down, 373–398

Lumley, J. L. *See* Phillips, Wu & Lumley

Malik, N. A. & Vassilicos, J. C. Eulerian and Lagrangian scaling properties of randomly advected vortex tubes, 417–436

Maxworthy, T. *See* Petitjeans & Maxworthy

Meiburg, E. *See* Chen & Meiburg

Molokov, S. *See* Stieglitz, Barleon, Bühler & Molokov

Nagata, K. *See* Komori & Nagata

Niño, Y. & Garcia, M. H. Experiments on particle–turbulence interactions in the near-wall region of an open channel flow: implications for sediment transport, 285–319

Petitjeans, P. & Maxworthy, T. Miscible displacements in capillary tubes. Part 1. Experiments, 37–56

Phillips, W. R. C., Wu, Z. & Lumley, J. L. On the formation of longitudinal vortices in a turbulent boundary layer over wavy terrain, 321–341

Piomelli, U. *See* Liu, Piomelli & Spalart

Rath, H. J. *See* Wanschura, Kuhlmann & Rath

Shrira, V. I. & Voronovich, V. V. Nonlinear dynamics of vorticity waves in the coastal zone, 181–203

Spalart, P. R. *See* Liu, Piomelli & Spalart

Stieglitz, R., Barleon, L., Bühler, L. & Molokov, S. Magnetohydrodynamic flow in a right-angle bend in a strong magnetic field, 91–123

Tutty, O. R. Nonlinear development of flow in channels with non-parallel walls, 265–284

Vassilicos, J. C. *See* Malik & Vassilicos

Voronovich, V. V. *See* Shrira & Voronovich

Wanschura, M., Kuhlmann, H. C. & Rath, H. J. Three-dimensional instability of axisymmetric buoyant convection in cylinders heated from below, 399–415

Warn, T. *See* Bartello & Warn

Weidman, P. D. *See* Lopez & Weidman

Wu, Z. *See* Phillips, Wu & Lumley

Zhang, X. & Basaran, O. A. Dynamics of drop formation from a capillary in the presence of an electric field, 239–263